

Data File : VU035111.D
Acq On : 12 Oct 2019 00:01
Operator : JC/SP
Sample : K5310-22DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
OU2-MW-4-001-01DL

Quant Time: Oct 12 02:49:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 12 02:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	164390	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	173497	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	63384	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	53815	5.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.80%
7) Chloroethane-d5	1.68	69	50623	5.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.60%
11) 1,1-Dichloroethene-d2	2.26	63	77089	3.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.20%
20) 2-Butanone-d5	4.17	46	156295	54.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.24%
24) Chloroform-d	4.62	84	92818	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	5.29	65	58539	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.60%
32) Benzene-d6	5.32	84	197609	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.31	67	69479	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.55	98	170512	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
43) trans-1,3-Dichloropropene-	7.84	79	20779	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	8.31	63	106501	45.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.50%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	56469	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	11.84	152	58081	5.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.60%

Target Compounds

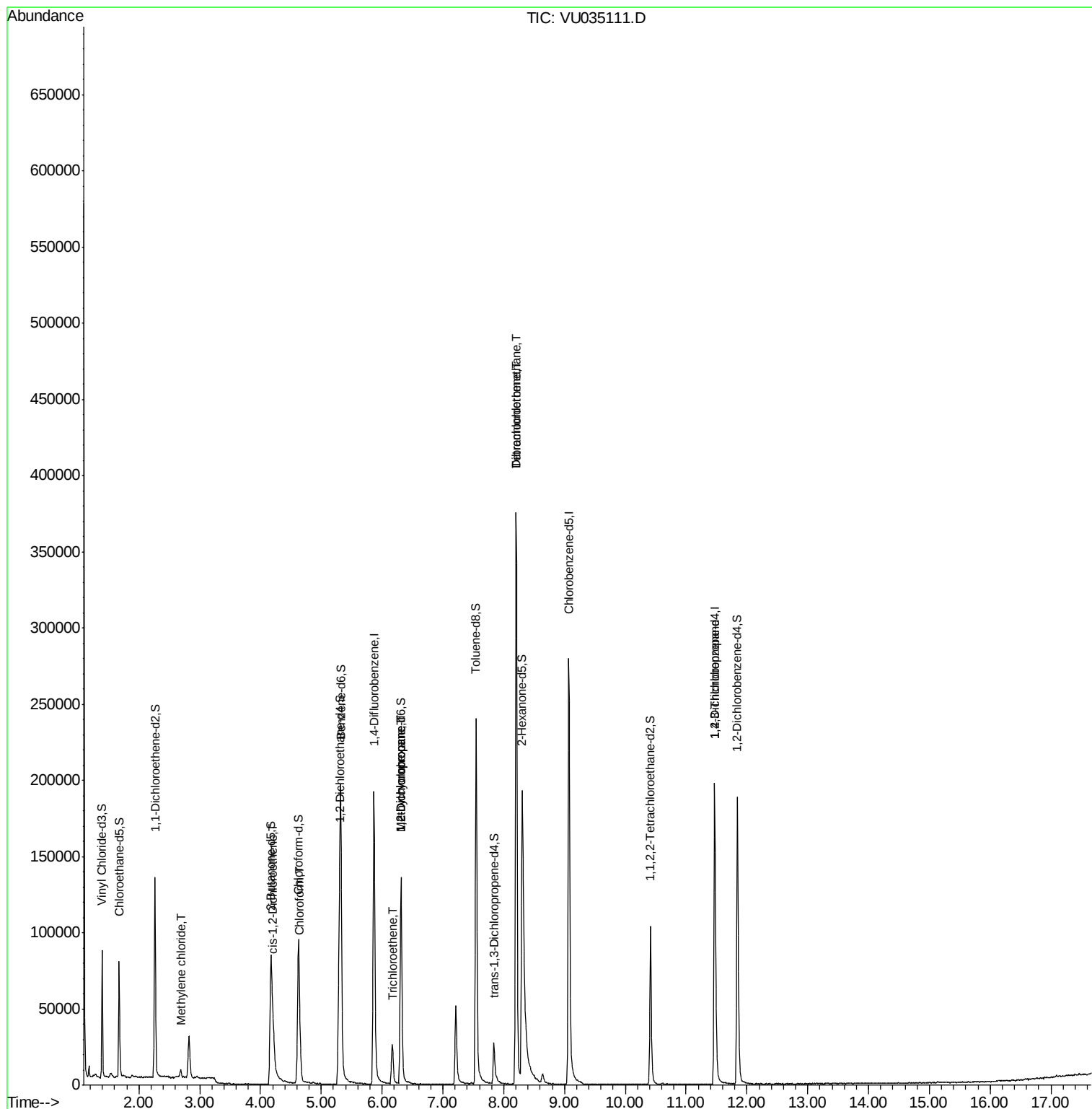
					Qvalue
16) Methylene chloride	2.69	84	1886	0.144 ug/L	99
22) cis-1,2-Dichloroethene	4.21	96	7841	0.622 ug/L	91
25) Chloroform	4.65	83	11999	0.475 ug/L	98
34) Trichloroethene	6.17	95	10429	0.774 ug/L	97
35) Methylcyclohexane	6.31	83	14935	0.684 ug/L #	18
37) 1,2-Dichloropropane	6.31	63	7574	0.537 ug/L #	88
47) Tetrachloroethene	8.21	164	84020	7.701 ug/L	99
49) Dibromochloromethane	8.21	129	81271	7.512 ug/L #	13
59) 1,2,3-Trichloropropane	11.47	75	8597	0.942 ug/L	91

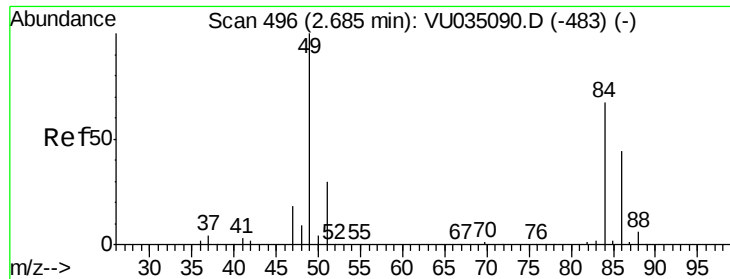
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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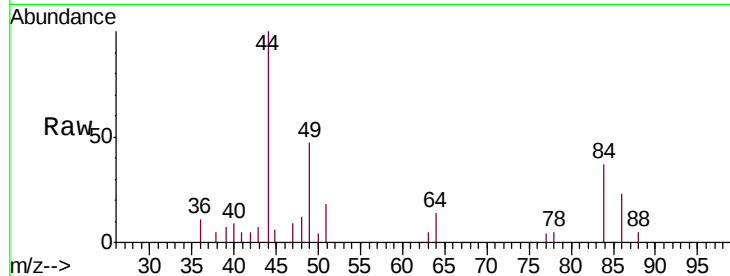




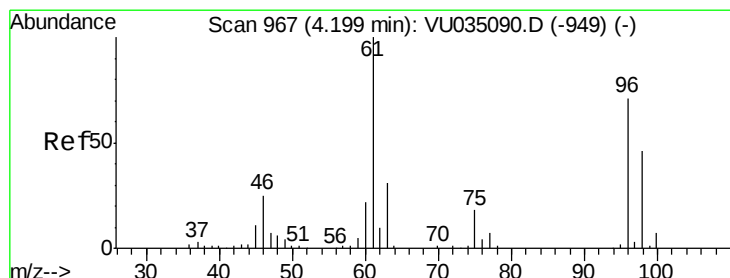
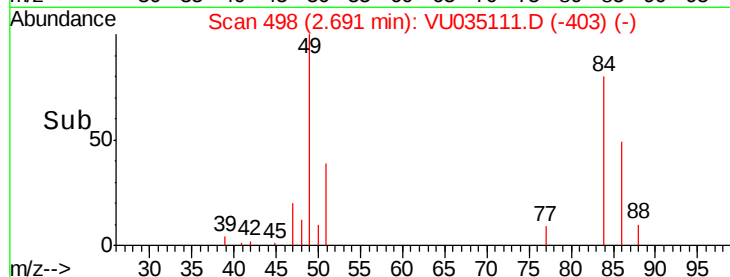
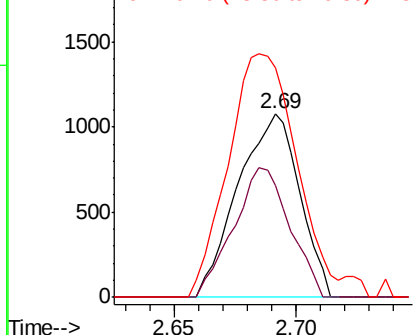
#16
Methylene chloride
Concen: 0.144 ug/L
RT: 2.69 min Scan# 498
Delta R.T. 0.01 min
Lab File: VU035111.D
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Instrument :
MSVOA_U
ClientSampleId :
OU2-MW-4-001-01DL

Tgt Ion: 84 Resp: 1886
Ion Ratio Lower Upper
84 100
86 60.8 42.5 78.9
49 125.3 86.9 161.3

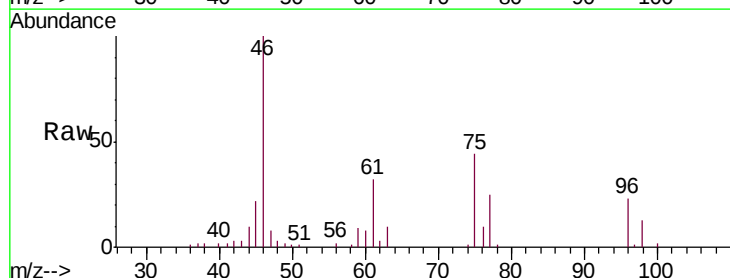


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

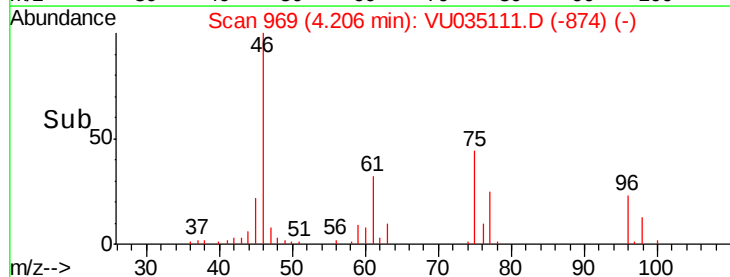
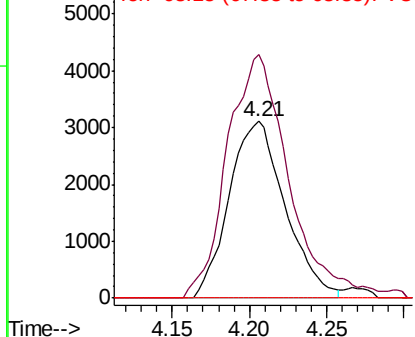


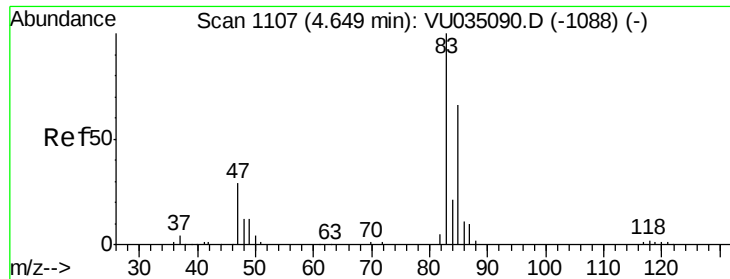
#22
cis-1,2-Dichloroethene
Concen: 0.622 ug/L
RT: 4.21 min Scan# 969
Delta R.T. 0.01 min
Lab File: VU035111.D
Acq: 12 Oct 2019 00:01

Tgt Ion: 96 Resp: 7841
Ion Ratio Lower Upper
96 100
61 137.9 89.2 165.6
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0

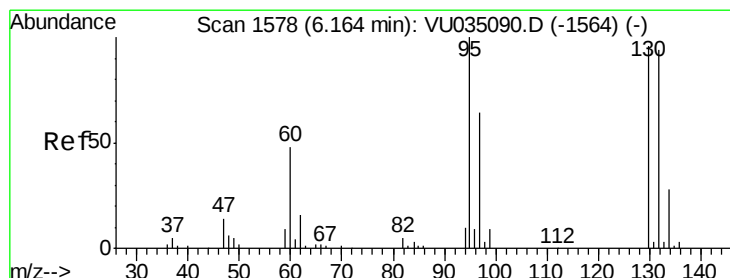
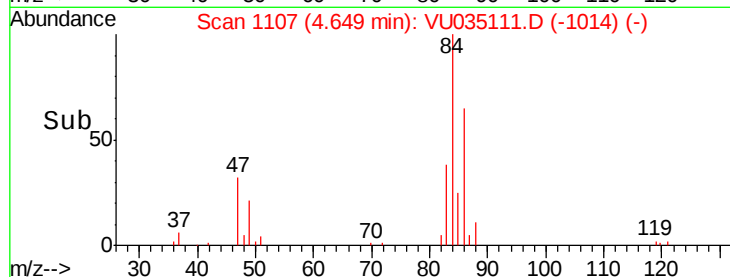
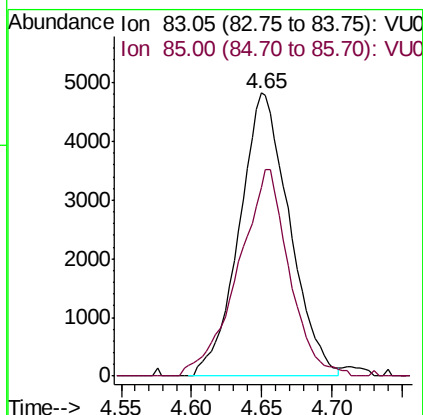
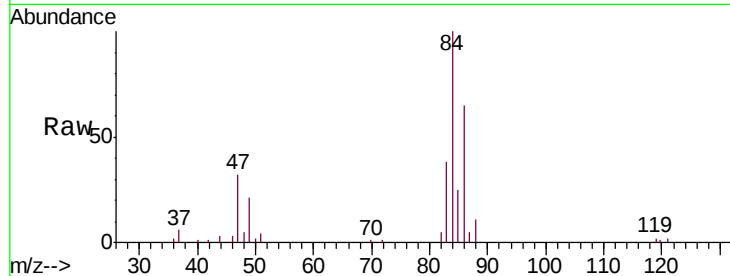




#25
Chloroform
Concen: 0.475 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU035111.D
Acq: 12 Oct 2019 00:01

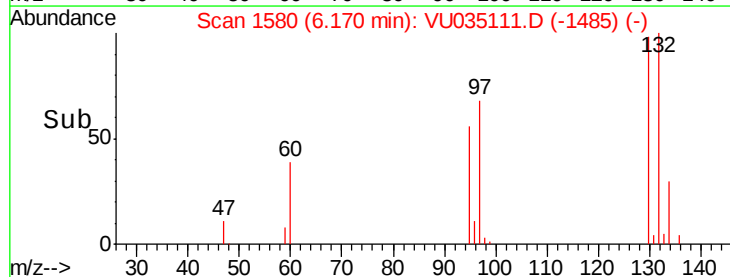
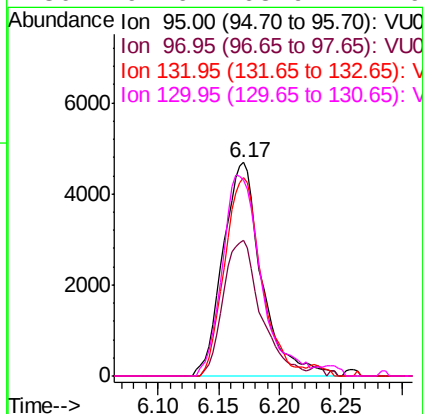
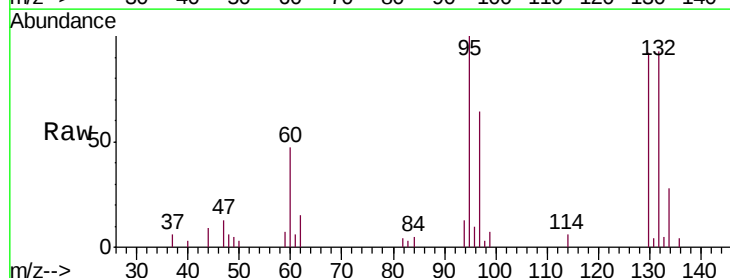
Instrument :
MSVOA_U
ClientSampleId :
OU2-MW-4-001-01DL

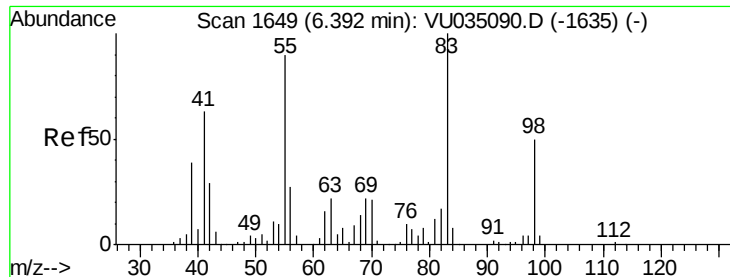
Tgt Ion: 83 Resp: 11999
Ion Ratio Lower Upper
83 100
85 66.8 45.4 84.4



#34
Trichloroethene
Concen: 0.774 ug/L
RT: 6.17 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VU035111.D
Acq: 12 Oct 2019 00:01

Tgt Ion: 95 Resp: 10429
Ion Ratio Lower Upper
95 100
97 63.5 44.5 82.7
132 93.1 66.6 123.8
130 91.6 68.9 127.9

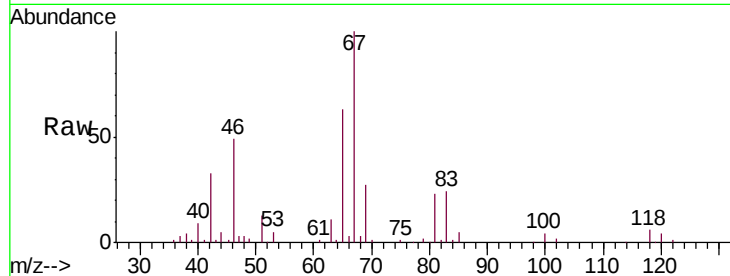




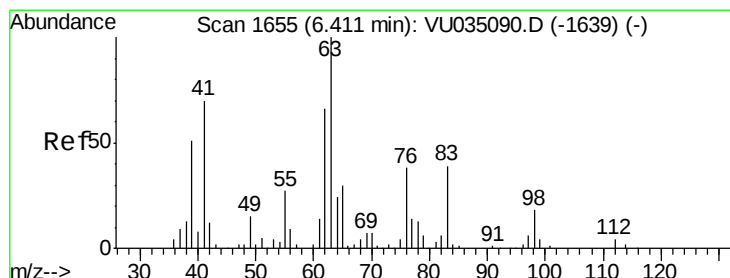
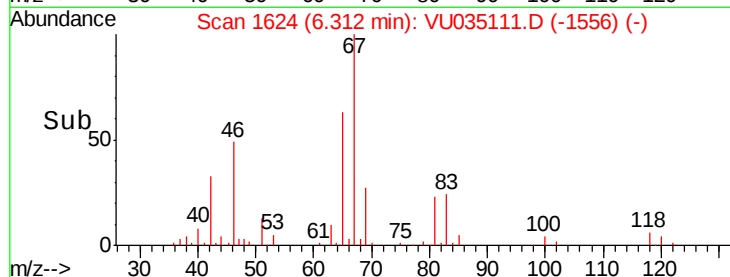
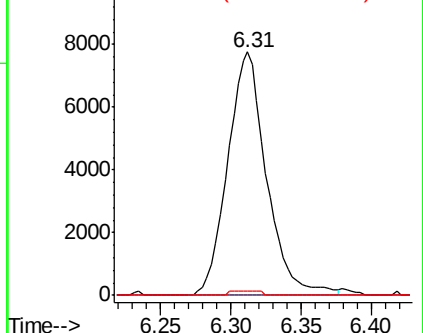
#35
Methylcyclohexane
Concen: 0.684 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU035111.D
Acq: 12 Oct 2019 00:01

Instrument :
MSVOA_U
ClientSampleId :
OU2-MW-4-001-01DL

Tgt Ion: 83 Resp: 14935
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.7 36.2 54.2#

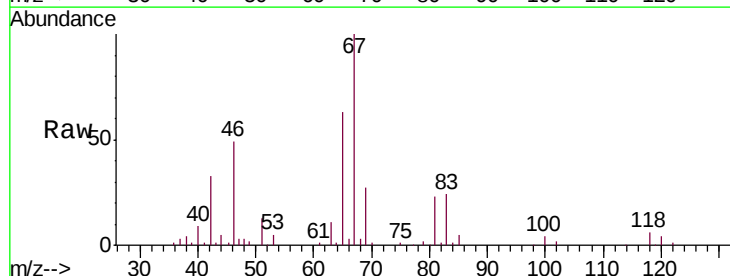


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

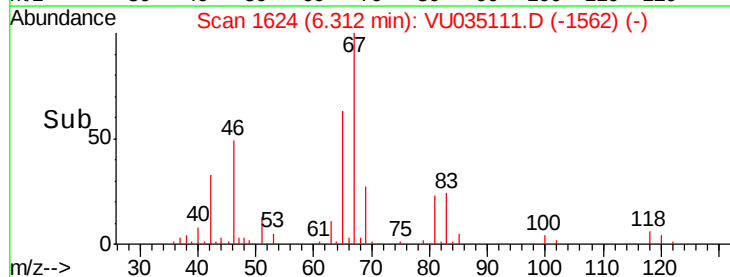
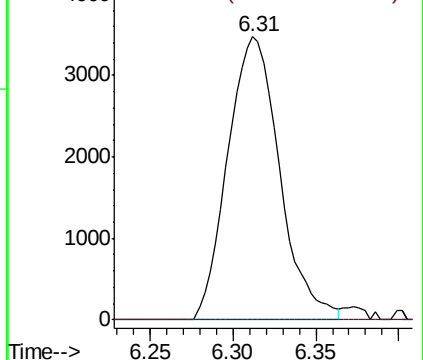


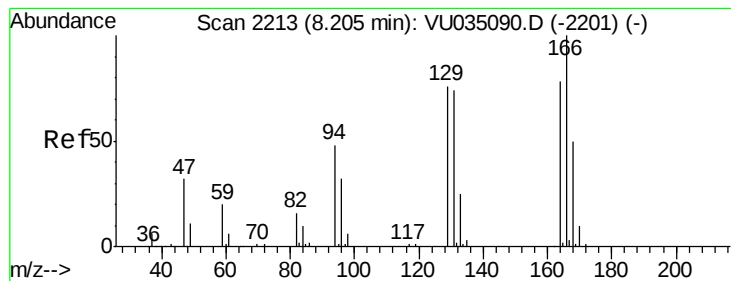
#37
1,2-Dichloropropane
Concen: 0.537 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU035111.D
Acq: 12 Oct 2019 00:01

Tgt Ion: 63 Resp: 7574
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#47

Tetrachloroethene

Concen: 7.701 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. 0.00 min

Lab File: VU035111.D

Acq: 12 Oct 2019 00:01

Instrument :

MSVOA_U

ClientSampleId :

OU2-MW-4-001-01DL

Tgt Ion:164 Resp: 84020

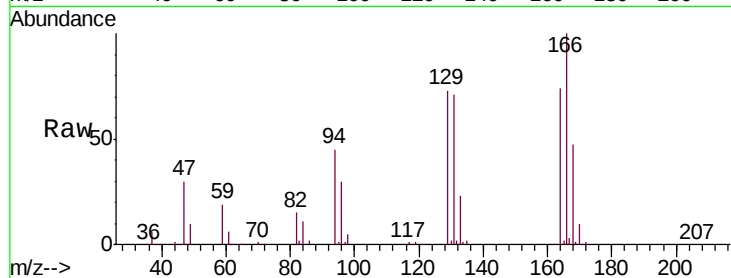
Ion Ratio Lower Upper

164 100

129 98.2 68.5 127.1

131 95.3 67.3 124.9

166 134.2 93.1 172.9



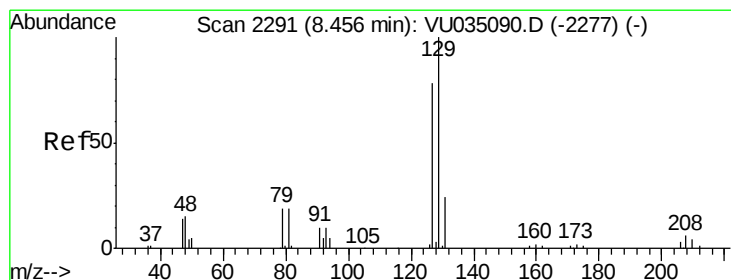
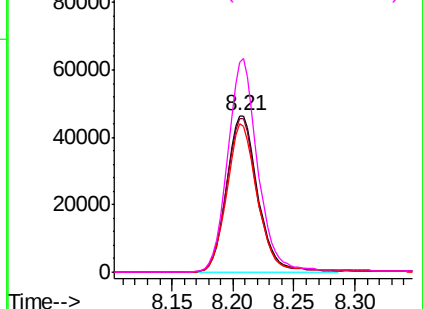
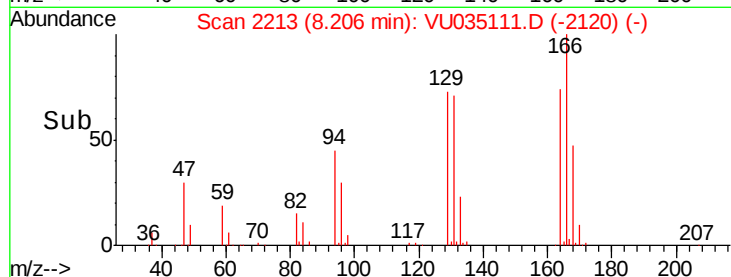
Abundance

Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#49

Dibromochloromethane

Concen: 7.512 ug/L

RT: 8.21 min Scan# 2214

Delta R.T. -0.25 min

Lab File: VU035111.D

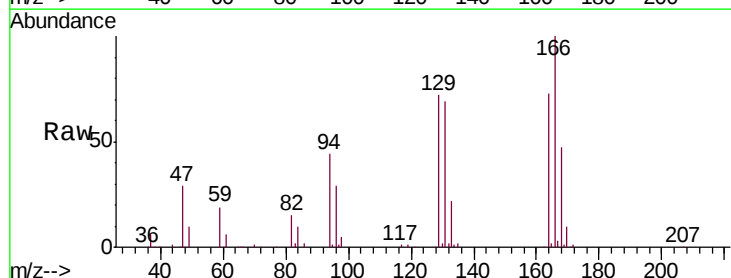
Acq: 12 Oct 2019 00:01

Tgt Ion:129 Resp: 81271

Ion Ratio Lower Upper

129 100

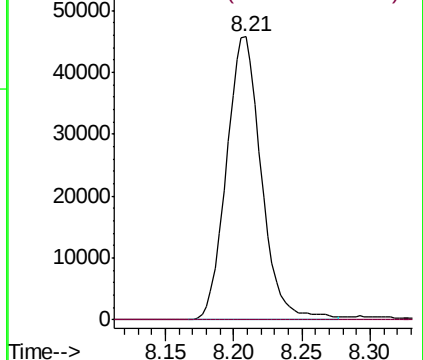
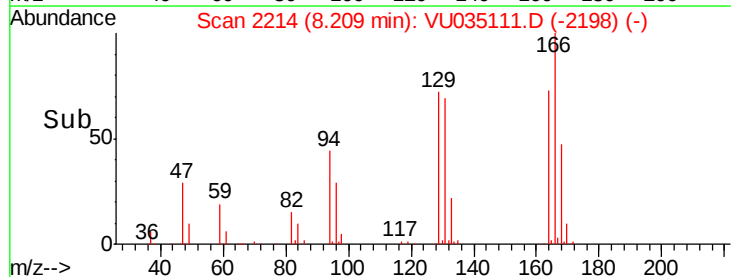
127 0.3 51.9 96.5#

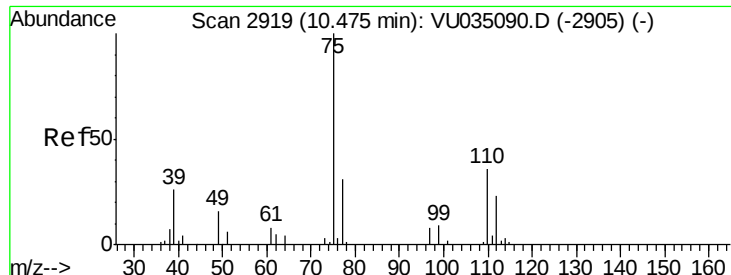


Abundance

Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V





#59

1,2,3-Trichloropropane

Concen: 0.942 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU035111.D

Acq: 12 Oct 2019 00:01

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ClientSampleId :

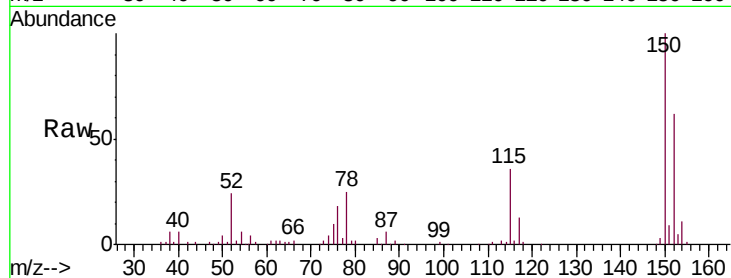
OU2-MW-4-001-01DL

Tgt Ion: 75 Resp: 8597

Ion Ratio Lower Upper

75 100

77 38.2 26.5 39.7



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

